

From the INTERNATIONAL SEARCHING AUTHORITY ELSTELL OF JASON P. COOPER ALSTON & BIRD LLP NOTIFICATION OF TRANSMITTAL OF BANK OF AMERICA PLAZA, SUITE 4000 THE INTERNATIONAL SEARCH REPORT AND 101 SOUTH TRYON STREET THE WRITTEN OPINION OF THE INTERNATIONAL CHARLOTTE, NC 28280-4000 SEARCHING AUTHORITY, OR THE DECLARATION (PCT Rule 44.1) Date of mailing (day/month/year) Applicant's or agent's file reference FOR FURTHER ACTION See paragraphs 1 and 4 below 047956/28821 International filing date International application No. (day/month/year) 24 September 2004 (24.09.2004) PCT/US04/31304 Applicant ALVEOLUS INC. The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority M have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 338.82.70. For more detailed instructions, see the notes on the accompanying sheet. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

Reminders

Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applicant's Guide, Volume II, National Chapters and the WIPO Internet site.

Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Authorized officer -n r Kevin T. Truong

Telephone No. 571-272-3700

(See notes on accompanying sheet)

Facsimile No. (571) 273-3201 Form PCT/ISA/220 (January 2004)

From the INTERNATIONAL SEARCHING AUTHORITY

To: JASON P. COOPER	PCT			
ALSTON & BIRD LLP BANK OF AMERICA PLAZA, SUITE 4000 101 SOUTH TRYON STREET CHARLOTTE, NC 28280-4000	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION			
	(PCT Rule 44.1)			
	Date of mailing (day/month/year) 78 JAN 2006			
Applicant's or agent's file reference 047956/28821	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No. PCT/US04/31304	International filing date (day/month/year) 24 September 2004 (24.09.2004)			
Applicant ALVEOLUS INC.				
The applicant is hereby notified that the international sear have been established and are transmitted herewith.	ch report and the written opinion of the International Searching Authority			
Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the cla	ims of the international application (see Rule 46):			
	normally two months from the date of transmittal of the international			
Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 338.82.70.				
For more detailed instructions, see the notes on the a				
2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.				
3. With regard to the protest against payment of (an) addit	tional fee(s) under Rule 40.2, the applicant is notified that:			
the protest together with the decision thereon has bee request to forward the texts of both the protest and the	en transmitted to the International Bureau together with the applicant's ne decision thereon to the designated Offices.			
no decision has been made yet on the protest; the app	olicant will be notified as soon as a decision is made.			
4. Reminders Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.				
The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.				
Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.				
In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months.				
Volume II, National Chapters and the WIPO Internet site.	plicable time limits, Office by Office, see the PCT Applicant's Guide,			
Name and mailing address of the ISA/ US Mail Stop PCT, Atm: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Faccimile No. (571) 273-3201	Authorized officer FOR Kevin T. Truong Telephone No. 571-272-3700			

Facsimile No. (571) 273-3201
Form PCT/ISA/220 (January 2004)

(See notes on accompanying sheet)

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 047956/28821		Form PCT/ISA/220 acre applicable, item 5 below.	
International application No. PCT/US04/31304	International filing date (day/month/year) 24 September 2004 (24.09.2004)	(Earliest) Priority Date (day/month/year) 24 September 2003 (24.09.2003)	
3. Unity of invention is lacking 4. With regard to the title, the text is approved as submit			
	ted by the applicant. according to Rule 38.2(b), by this Authority a he date of mailing of this international search		
as suggested by the ap	thority, because the applicant failed to suggest thority, because this figure better characterize	· 1	

Form PCT/ISA/210 (first sheet) (April 2005)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/31304

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A. CLA IPC(7) US CL	SSIFICATION OF SUBJECT MATTER : A61F 2/06 : 623/1.15, 1.2, 1.46			
	o International Patent Classification (IPC) or to both r	ational classification and IPC		
	DS SEARCHED	one of the officer of		
Minimum do	ocumentation searched (classification system followed	by alassification symbols)		
	23/1.15, 1.2, 1.46	by classification symbols		
Documentati	on searched other than minimum documentation to the	e extent that such documents are include	ded in the fields searched	
Electronic da	ata base consulted during the international search (nar	ne of data base and, where practicable,	search terms used)	
	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where		Relevant to claim No.	
X	US 6,258,121 A (YANG et al) 10 July 2001, figure	s 1-3.	1-18, 46-47	
X,P	US 6,629,994 A (GOMEZ et al) 07 October 2003,	igures 6-16.	1, 18-48	
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	documents are listed in the continuation of Box C.	See patent family annex.	_ <u></u>	
• Sp	ecial categories of cited documents:	"T" later document published after the	e international filing date or priority pplication but cited to understand the	
"A" document of particular r	defining the general state of the art which is not considered to be of relevance	principle or theory underlying the "X" document of particular relevance;	invention	
	lication or patent published on or after the international filing date	considered novel or cannot be cor when the document is taken alone	nsidered to involve an inventive step	
	which may throw doubts on priority claim(s) or which is cited to be publication date of another citation or other special reason (as	"Y" document of particular relevance; considered to involve an inventive	step when the document is combined	
	eferring to an oral disclosure, use, exhibition or other means	with one or more other such docu obvious to a person skilled in the		
priority date		"&" document member of the same par	tent family	
Date of the actual completion of the international search Date of mailing of the international search report				
27 October 2005 (27.10.2005) 78 JAN 2005				
Name and mailing address of the ISA/US Authorized officer				
	Stop PCT, Attn: ISA/US missioner for Patents	Kevin T. Truong //	Illy	
P.O. I	Box 1450	- 029	\mathcal{J}	
	undria, Virginia 22313-1450 (571) 273-3201	Telephone No. 571-272-3700	-	
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Form PCT/ISA/210 (second sheet) (April 2005)

From the INTERNA	TIONAL SEARC	HING AUTHO	RITY			
INTERNATIONAL SEARCHING AUTHORITY To: JASON P. COOPER ALSTON & BIRD LLP BANK OF AMERICA PLAZA, SUITE 4000 101 SOUTH TRYON STREET		PCT WRITTEN OPINION OF THE				
	TTE, NC 28280			INTERNATIONAL SEARCHING AUTHORITY		
				(PCT Rule 43bis.1)		
				Date of mailing (day/month/year)	1 8 JAN 2006	
Applicant	's or agent's file r	eference		FOR FURTHER	R ACTION See paragraph 2 below	
047956/2		· ·			· · ·	
Internation	nal application No	D.	International filing date	(day/month/year)	Priority date (day/month/year)	
PCT/US0		(1700)	24 September 2004 (24.0		24 September 2003 (24.09.2003)	
Internation	nal Patent Classifi	ication (IPC) or	r both national classificati	on and IPC		
	61F 2/06 and US	Cl.: 623/1.15, 1	1.2, 1.46			
Applicant					•	
ALVEOL	US INC.		· · · · · · · · · · · · · · · · · · ·			
1. This	opinion contains i	ndications relat	ting to the following item	s:		
	Box No. I	Basis of the	opinion			
	Box No. II	Priority				
	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability			entive step and industrial applicability		
	Box No. IV Lack of unity of invention					
	Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
	Box No. VI	Certain documents cited				
	Box No. VII	Certain defec	defects in the international application			
	Box No. VIII	Certain obser	vations on the internation	ational application		
2. FUR	THER ACTIO	N				
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.						
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.						
For further options, see Form PCT/ISA/220.						
3. For further details, see notes to Form PCT/ISA/220.						
Name and	mailing address o	f the ISA/ US	Date of completi	on of this opinion	Authorized officer	
Mail Stop PCT, Attn: ISA/US			·	·	I FOR I	
Commissioner for Patents 10 January 2006 P.O. Box 1450			10 January 2006	(10.01.2000)	Kevin T. Truong, Ugunia dela Telephone No. 571-277-3700	
	lexandria, Virginia : lo. (571) 273-320				Telephone No. 571-277-3700	

Form PCT/ISA/237 (cover sheet) (April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.	

PCT/US04/31304

Box No. I Basis of this opinion
1. With regard to the language, this opinion has been established on the basis of:
the international application in the language in which it was filed
a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a. type of material
a sequence listing
table(s) related to the sequence listing
b. format of material
on paper
in electronic form
c. time of filing/furnishing
contained in the international application as filed.
filed together with the international application in electronic form.
furnished subsequently to this Authority for the purposes of search.
3. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:
4. Additional comments.
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Form PCT/ISA/237(Box No. I) (April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/31304

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

applicability; citations and explanations supporting such statement				
1. Statement				
Novelty (N)	Claims	20-45	YES	
		1-19 and 46-48	NO	
Inventive step (IS)	Claims		YES	
	Claims	1-19 and 46-48	NО	
Industrial applicability (IA)	Claims	1-48	YES	
industrial applicability (1A)		NONE	NO	
·			,10	
2. Citations and explanations:				
Claims 1-19 and 46-48 lack novelty under PCT Artic Note in figures 1-3, a stent (10) can be coated with h using the method steps as claimed in claims 46-47, f Claims 20-45 meet the criteria set out in PCT Article	ydrophobic and or coating stent	I hydrophilic or with any material as clair (10).	med and also, capable of	
flanges define apertures there though and the connec crossing member.	ctor having a cro	ossing member and a plurality of leg men	nbers extending from the	
Claims 1-48 meet the criteria set out in PCT Article 33(4), and thus the stent device industrial applicability because the subject matter claimed can be made or used in industry.				
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